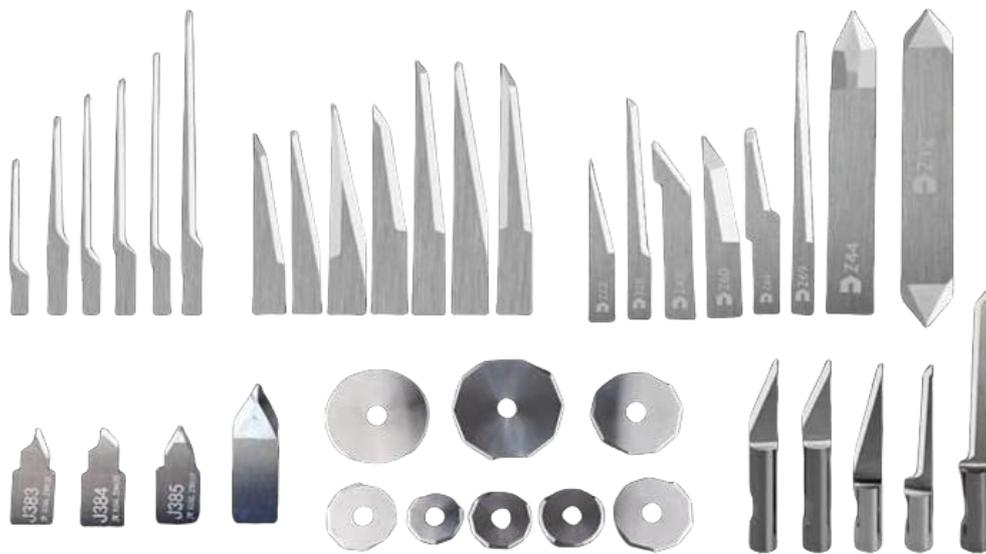


Tungsten Carbide Blade manufacturers & suppliers



Tungsten is a very hard metal that is often brittle and hard to work with. When used alone tungsten is vulnerable to scratches and damages. Alloying tungsten with carbon greatly increases its toughness, but still remains high level of hardness around 9 on the Moh's hardness scale . It is almost three times as dense as iron, almost twice that of lead, and virtually the same as gold. Thus, tungsten carbide blades are suitable for companies with high production cutting applications and needing uniform quality cuts.

While tungsten carbide is much more wear resistant and several times denser than steel, it is also more susceptible to breakage. For many years Tungsten Carbide has been used in manufacturing large knives, however, using it for production of thin blades is much more complicated.

The benefits of tungsten carbide blades include

- Leaving a better surface finish of the product
- Less dust and more accurate cuts due to reduced friction
- Better efficiency in high-heat and high-speed applications
- Improved toughness and greater wear resistance
- Better durability of the cutting edge.

Oyea Knives is a professional manufacturer of tungsten carbide products since 2007. We manufacture carbide knives and blades for Paper, Metal, Film and Foils, Textiles, Corrugated Cardboard, PCB, Plastic, Wood, Asbestos, Converting, Cloth, Fiber, Rubber, Printing, Packaging, Tobacco, Nonwovens, Tube and Pipe, Bookbinding, and many other industries. Knives and Blades can be made from different types of material, according to our customers request.

Tungsten Carbide Blade manufacturers & suppliers

We manufacture knives, spare parts and cutting underlays for machines:

ATOM ZUND - TORIELLI COMELZ
ESKO TESEO TALAMONTI LECTRA - HUMANTEC
SABAL MCT GERBER AGFA ALBERTI PANTOGRAFI ALLEVI
AOKE-KASEMAKE AOL-CALEPIU' ARES ARISTO AUTOMA
PANTOGRAFI AVEZZANO AYZZ BACCI BULLMER BALACCHI
BALESTRINI BALESTRIERI BESI SYSTEM BIEMMEPI B
IESSE BLACKMAN & WHITE BNZ TECHNO LOGY BRAVEARM
AUTOMAZIONI BREMA BULLERI BUSELLATO PANTOGRAFI CHIESA-ATOM
CIELLE CMS
PANTOGRAFI COLEX COLOMBO COMAGRAV COMAS COSMEC
CUTMAX CUTTING TRADING DATA TECHNOLOGY DELTA DIEMAKING -
QUATTRO ZERO SRL DRD SRL TECHNOLOGY DYSS DUKANE EASTMAN
ECOCAM - CUT EXPERT ELCEDE EMMA - CNC ESSETRE EXPERT
SYSTEM ELITRON TECHNIK EUROLASER EUROSTAFF
FELDER FELIZ FERVIT FK GROUP GAILEO ITALIA
INVESTRONICA GEMINI CAD SYSTEM GFM GRAPHTEC
GUNNAR HAASE HOLZHER HOMAG SCIENZEIMA IMT JWei KAWAKAMI
KURIS MULTICAM MIMAKI RUIZHOU RONCHINI SUMMA
TALAMONI

Tungsten Carbide Blade manufacturers & suppliers

